

INCH-POUND

MIL-C-83517/3
AMENDMENT 2
29 January 1999
SUPERSEDING
AMENDMENT 1
29 April 1985

MILITARY SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, COAXIAL, RADIO FREQUENCY,
STRIP OR MICROSTRIP TRANSMISSION LINE,
SERIES SMA (SOCKET CONTACT, FLANGE MOUNTED SLOTTED TAB TERMINAL)

This amendment forms a part of MIL-C-83517/3, dated 20 September 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

TITLE: Delete and substitute new title as printed in this amendment.

PAGE 4

*FIGURE 4: Delete in its entirety.

PAGE 5

ENGINEERING PARAMETERS, Voltage rating: Delete "600 Vrms maximum at sea level" and substitute "335 Vrms maximum at sea level".

*REQUIREMENTS, Design and construction: Delete "See figures 1 through 4 and table I", and substitute "See figures 1 through 3, table I, and MIL-STD-348".

*FIGURE 5, Test pin data: Delete " $90^\circ \pm 1^\circ$ " and substitute " $69^\circ \pm 1^\circ$ ".

PAGE 6

Voltage standing wave ratio (VSWR), Step 4: Delete "(to be determined)" and substitute " $1.35 \pm .01$ F (F in GHz)".

RF transmission loss: Delete "(to be determined)" and substitute " $.07\sqrt{F}$ (tested from 2-18 GHz, F in GHz)".

PAGE 7

RF high potential withstanding voltage, RF voltage: Delete "1,000 Vrms" and substitute "670 Vrms".

NOTE: The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last.

CONCLUDING MATERIAL

Custodians:

Army – CR

Navy – EC

Air Force – 85

Preparing activity:

DLA – CC

(Project 5935-4180-02)

Review activities:

Army – AR, AT, CR4, MI

Navy – AS, MC, OS, SH

Air Force – 11, 99